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Manufacturers & Exporters of Engineering, Scientific & Laboratory Equipments

## **ORIFICE & MOUTHPIECE SET-UP (EE-1522)**

This Equipment consists of a tank provided with inlet supply diffuser, overflow. Provision for fitting Mouthpiece of different L/D ratio at the outlet of tank. An arrangement is done to vary head and keep it constant at desired level. A pointer gauge arrangement for measuring X-Y co-ordinates of Jet is also fitted.

Present set-up is self-contained water re-circulating unit, provided with a sump tank and a centrifugal pump etc. Flow rate of water is measured with the help of measuring tank and stop watch.

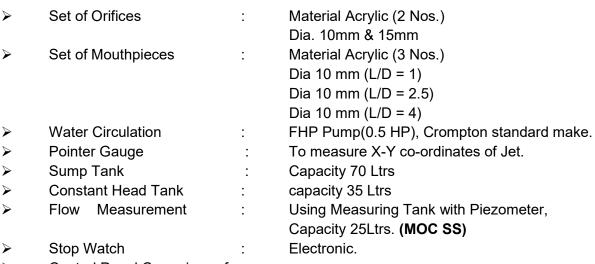
### SCOPE OF EXPERIEMENTATION:

- > To determine the co-efficient of discharge of different Mouthpieces.
- > To determine the co-efficient of velocity.

## UTILITIES REQUIRED:

- > Water Supply. Drain
- > Electricity 0.5Kw, 220VAC, Single Phase.
- ➢ Floor Area 1.5x0.75m.

# **TECHNICAL DETAILS**



- Control Panel Comprises of :
- Standard make On/Off Switch, Mains Indicator, Etc.
- > Tanks will be made of Stainless Steel.
- > The Whole set-up is well designed and arrangement in good quality painted structure.

